

AMENDMENTS TO THE CLAIMS

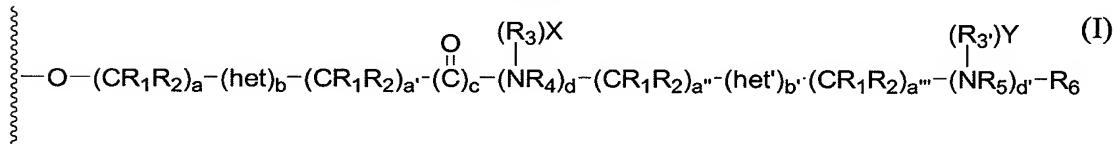
This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A chromatographic material comprising:

- (a) a terminal binding functionality;
- (b) a hydrophobic linker comprising at least one functionality that is different from the terminal binding functionality; and
- (c) a solid support,

wherein

the hydrophobic linker links the terminal binding functionality to the solid support; and the chromatographic material is capable of binding bovine albumin at physiological ionic strength, wherein the chromatographic material has the following general formula I:



wherein

each of R₁, R₂, and R₄, and R₅, at each occurrence, are independently selected from the group consisting of is H, C₁₋₆-alkyl, C₁₋₆-alkoxy, C₁₋₆-alkyl C₁₋₆-alkoxy, aryl, C₁₋₆-alkaryl, NR' C(O)R'', C(O)NR'R'', and hydroxy,
wherein R' and R'' are independently selected from C₁₋₆-alkyl, and
wherein no more than one of R₁ and R₂ is hydroxy;

R₆ is selected from the group consisting of H, C₆-alkyl, C₁₋₆-alkyl, aryl, C₁₋₆-alkaryl, C(O)OH, S(O)₂OH, and P(O)(OH)₂

R₃ and R_{3'}, together with X and Y, respectively, may independently be are absent; or present;

and if present, then R₃ and R_{3'} are independently selected from the group consisting of H, C₁₋₆-alkyl, C₁₋₆-alkoxy, C₁₋₆-alkyl C₁₋₆-alkoxy, aryl, and C₁₋₆-alkaryl,
wherein X and Y, independently of each other, represent anions;

a is 3;

a', a'', and a''' are ~~independently selected from the integers all 0; through 6;~~

b and b' are both 0;

c is 0;

d is 1;

d' is 0; and

the wavy line represents the solid support.

2-51. (Canceled).

52. (Currently Amended) A chromatographic material comprising:

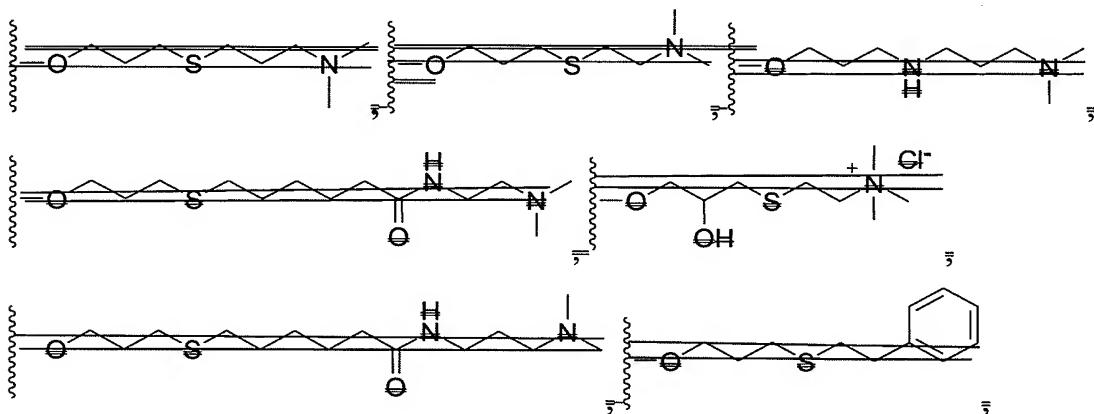
(a) a terminal binding functionality;

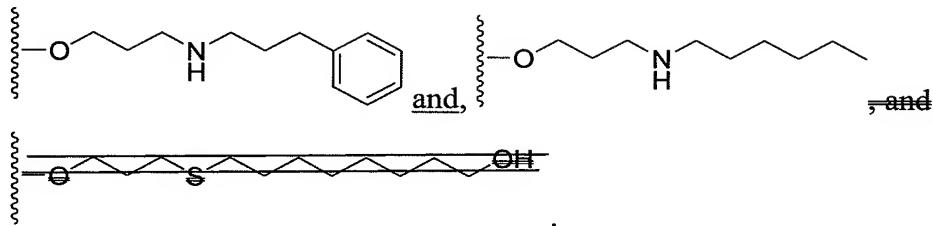
(b) a hydrophobic linker comprising at least one functionality that is different from the terminal binding functionality; and

(c) a solid support,

wherein

the hydrophobic linker links the terminal binding functionality to the solid support; and the chromatographic material is capable of binding bovine albumin at physiological ionic strength, wherein the chromatographic material has a formula selected from the group consisting of:





53. (Currently Amended) The chromatographic material according to claim 1, wherein the ~~wherein~~ the solid support is an organic material.

54. (Original) The chromatographic material according to claim 53, wherein the organic material is one selected from the group consisting of cellulose, agarose, dextran, polyacrylates, polystyrene, polyacrylamide, polymethacrylamide, copolymers of styrene and divinylbenzene, and mixtures thereof.

55-56. (Canceled).

57. (Original) The chromatographic material according to claim 1, wherein the solid support is in the form of a bead or particle.

58-105. (Canceled).

106. (New) The chromatographic material according to claim 52, wherein the solid support represented by the wavy line is in the form of a bead or particle.

107. (New) The chromatographic material according to claim 52, wherein the solid support represented by the wavy line is an organic material and the organic material is one selected from the group consisting of cellulose, agarose, dextran, polyacrylates, polystyrene, polyacrylamide, polymethacrylamide, copolymers of styrene and divinylbenzene, and mixtures thereof.